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Hydrologic Changes in Everglades National Park as a result of the Modified Water Deliveries Project YOUR AMERICA

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What is the Modified Water Deliveries Project?



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Goals of the ModWaters project are to:

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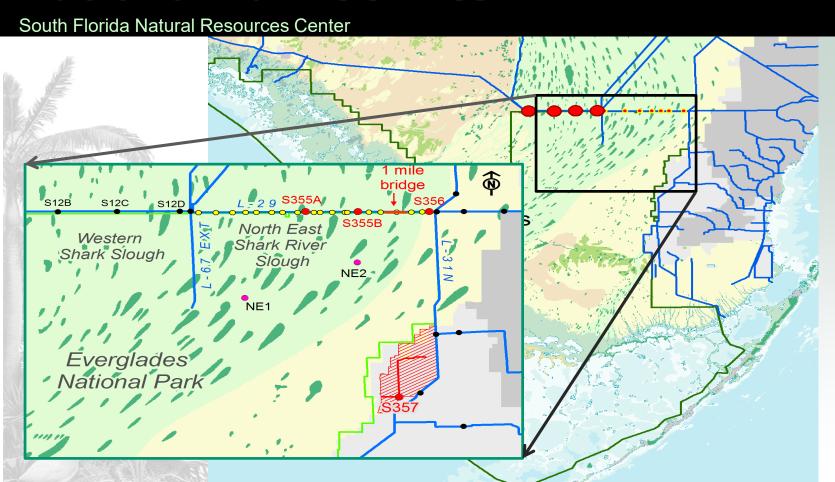
Increase flows into North East Shark River Slough

- 1. Increase Water Levels in the Marsh
- 2. Increase Hydroperiod

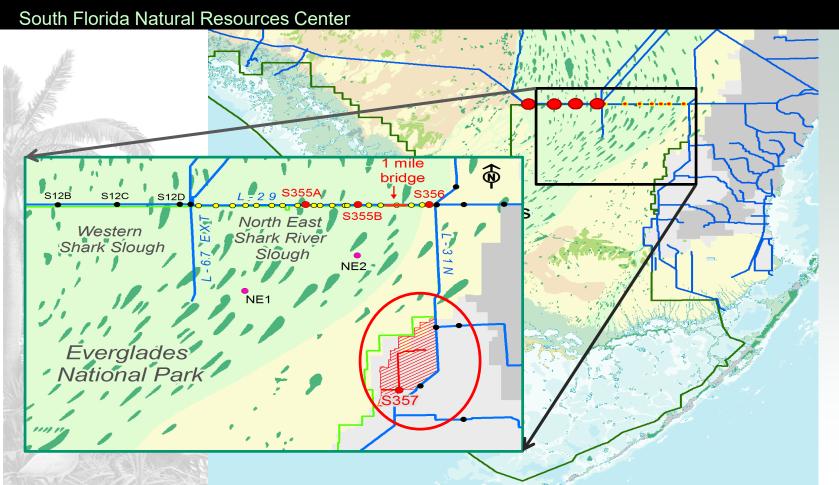
Improve distribution of Flow

- 1. Spatially
 - 2. Seasonally

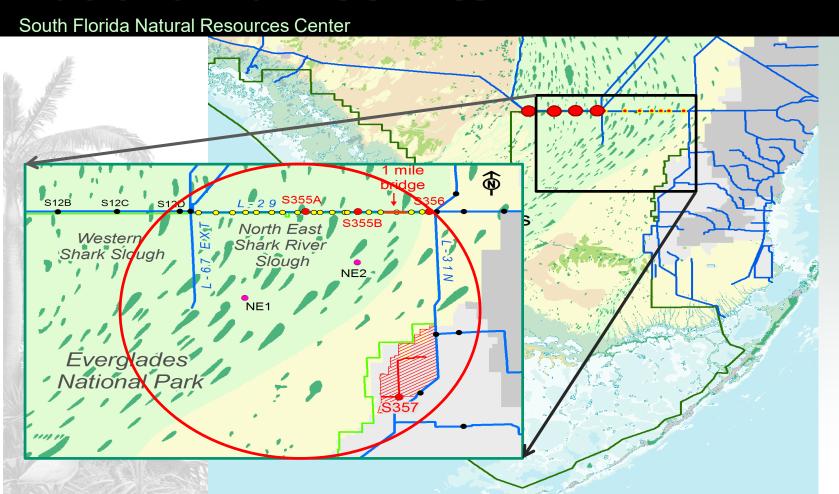




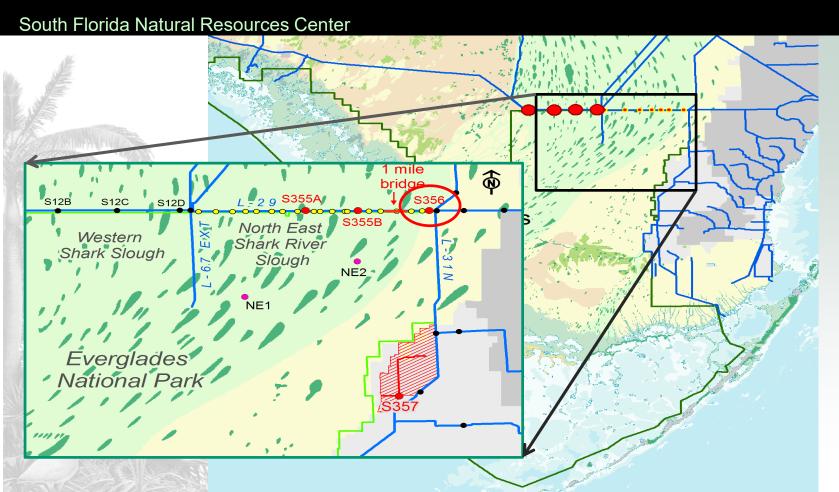




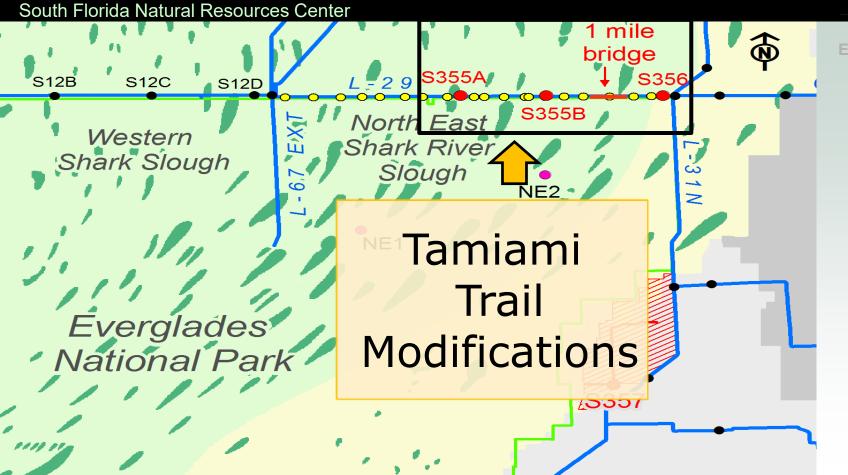














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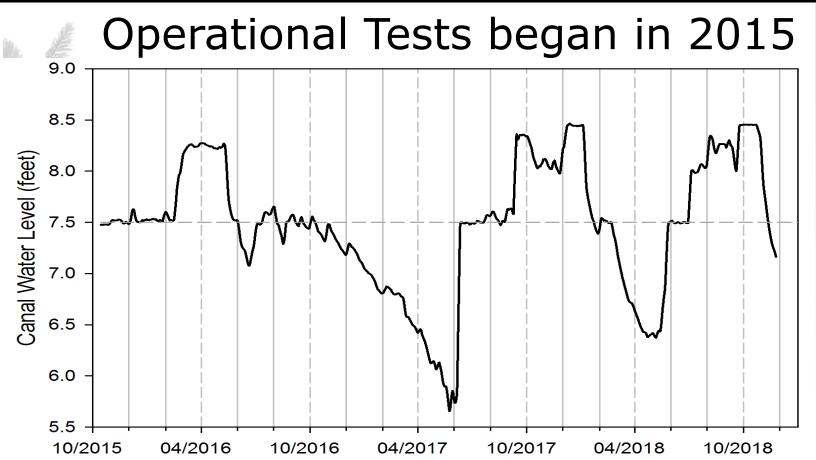


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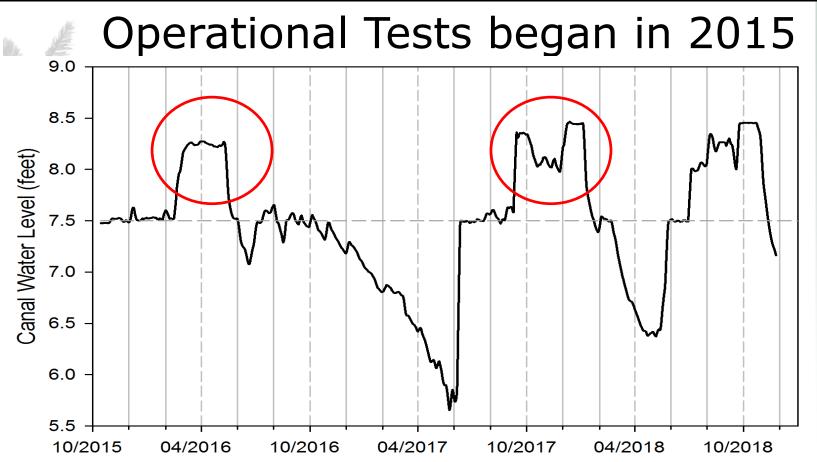
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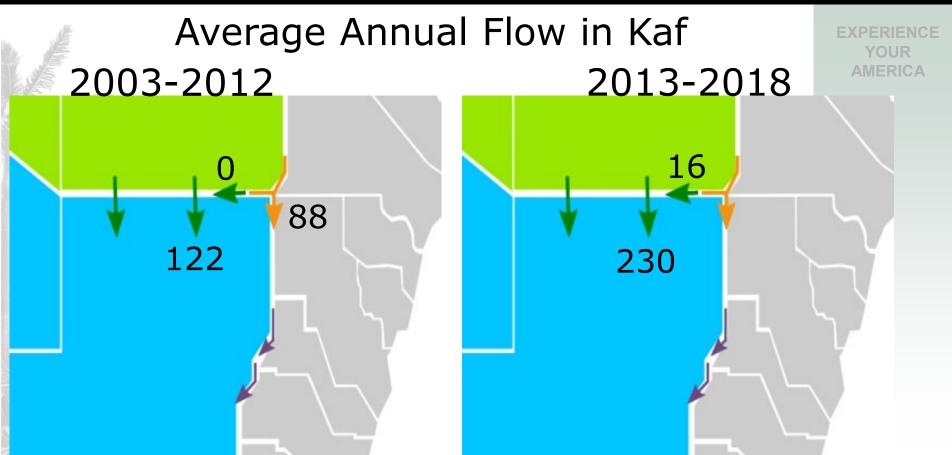
Operational Tests began in 2015



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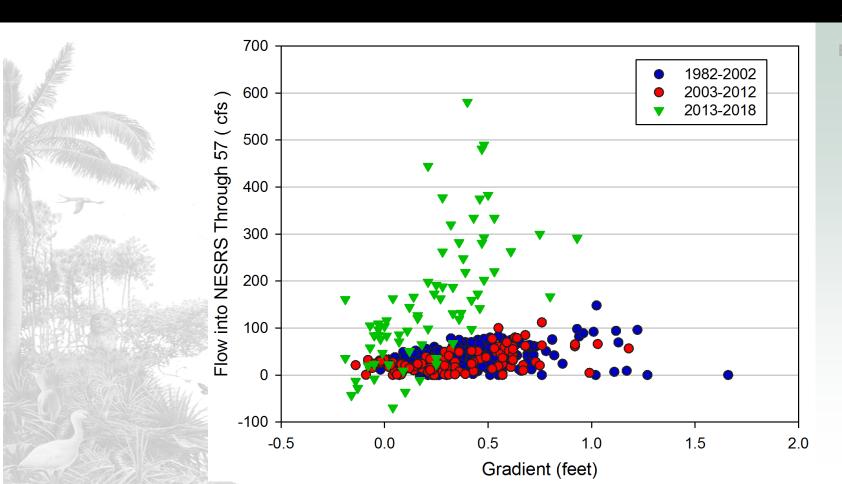
Increase flows into NESRS





Increase flows into NESRS

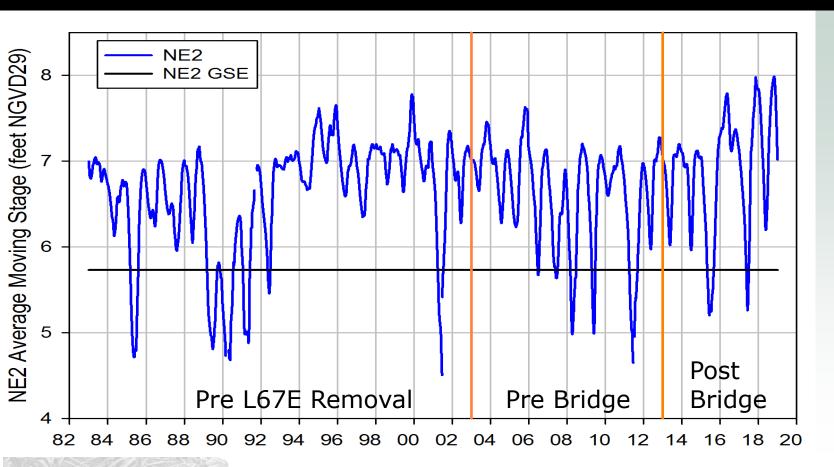




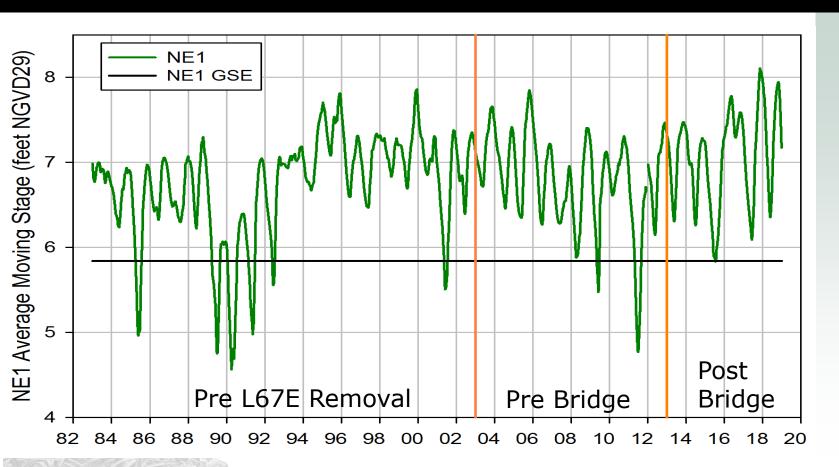




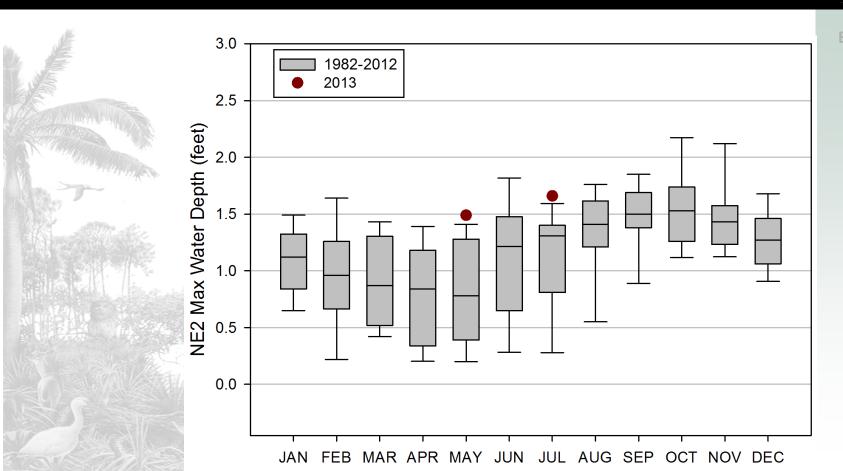




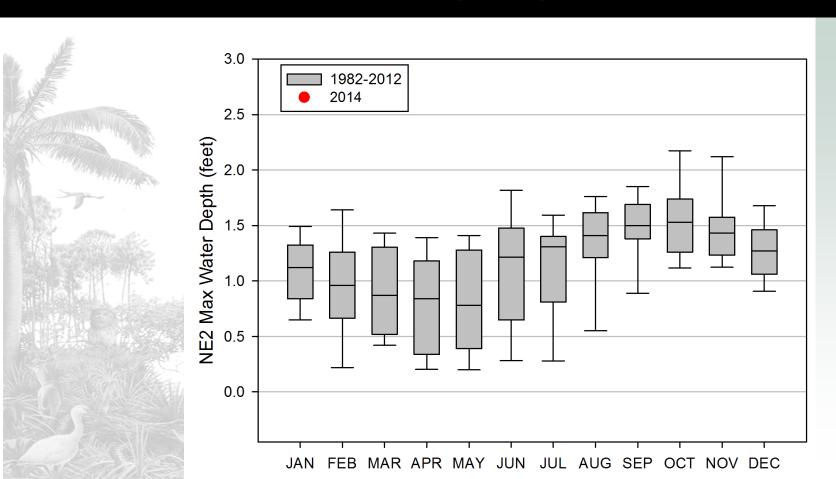




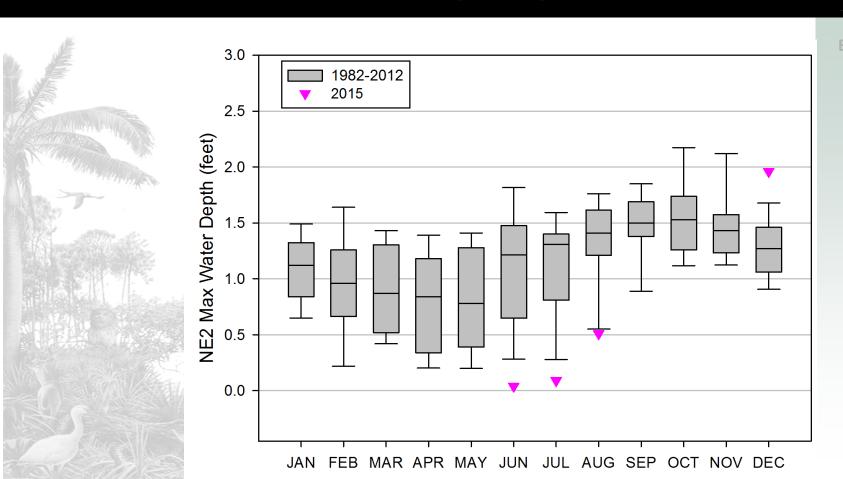




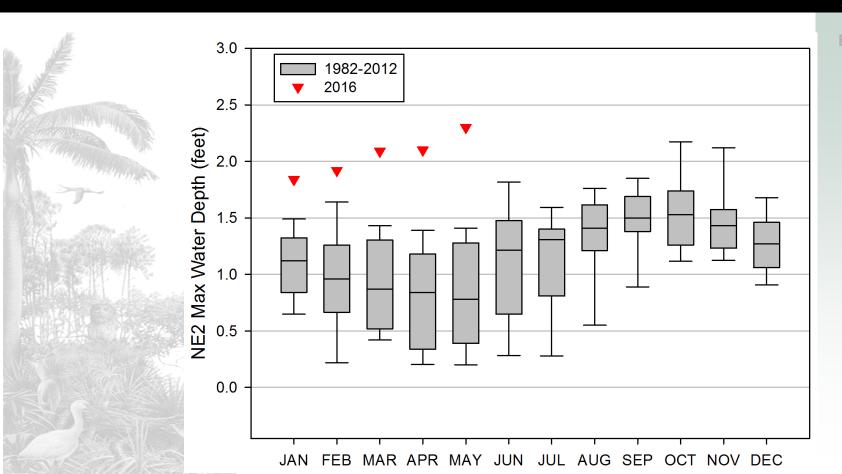




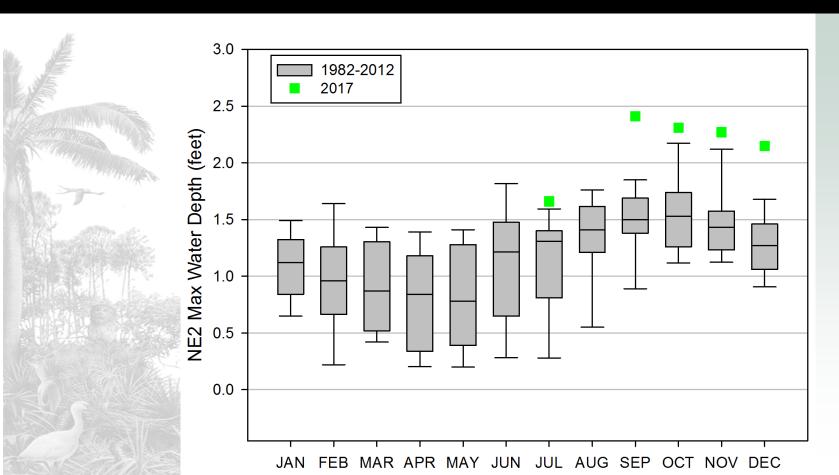




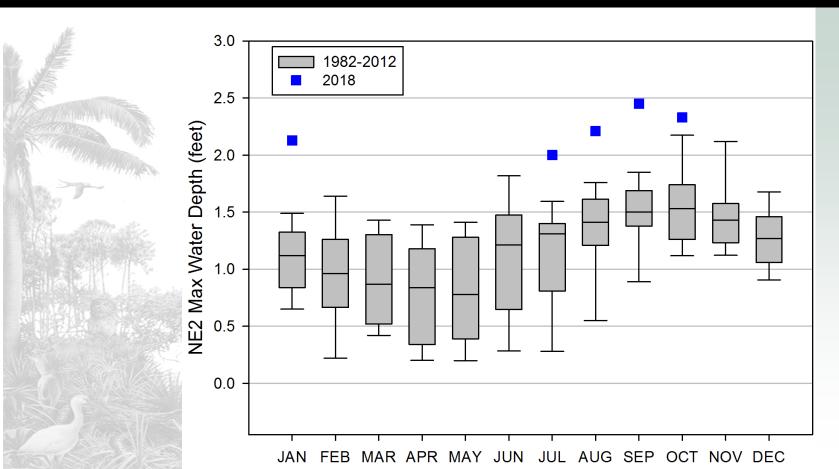




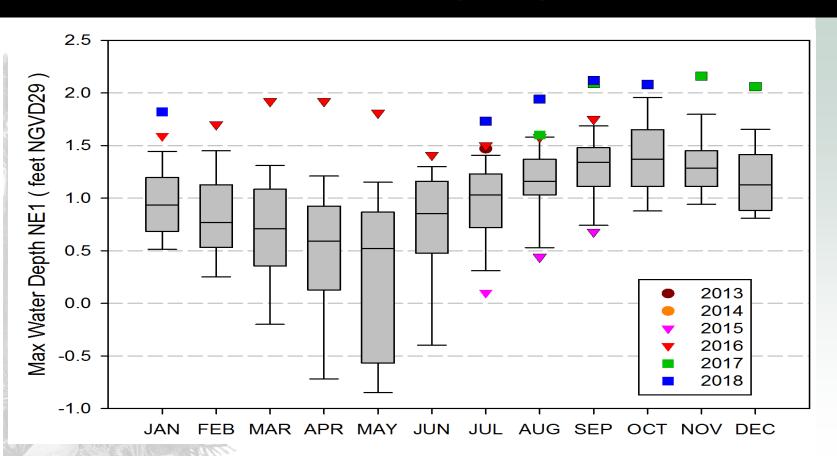




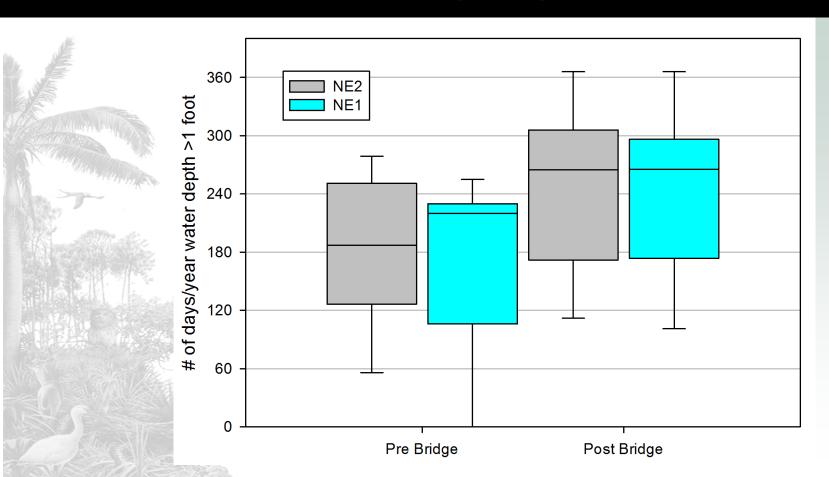






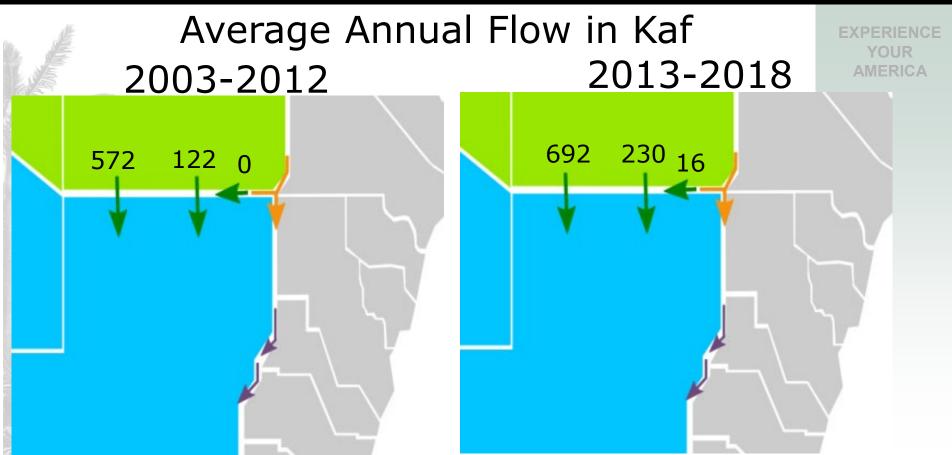






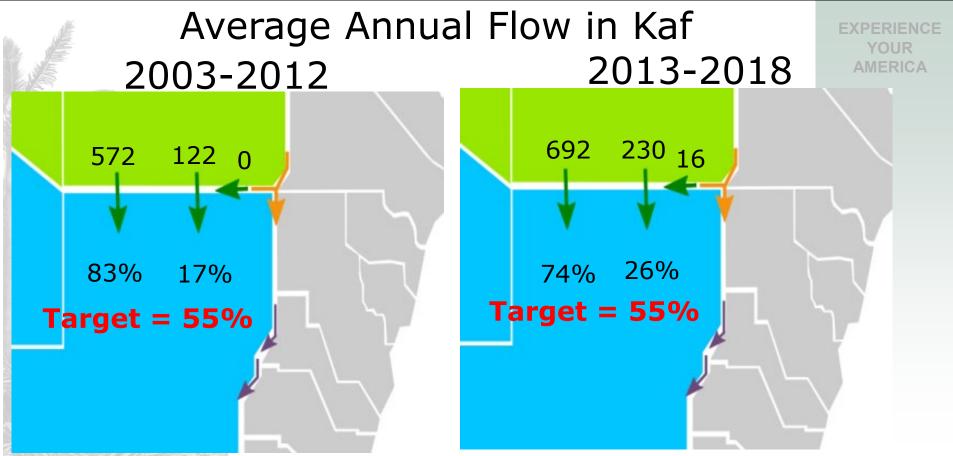
Improve Spatial Distribution





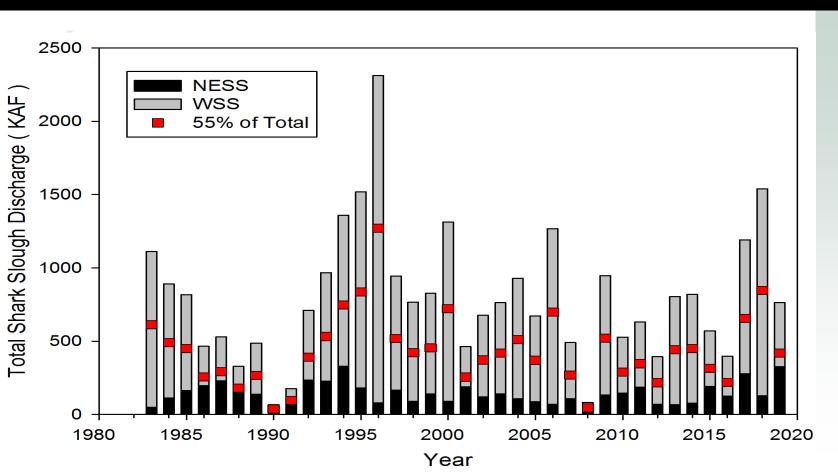
Improve Spatial Distribution





Improve Spatial Distribution

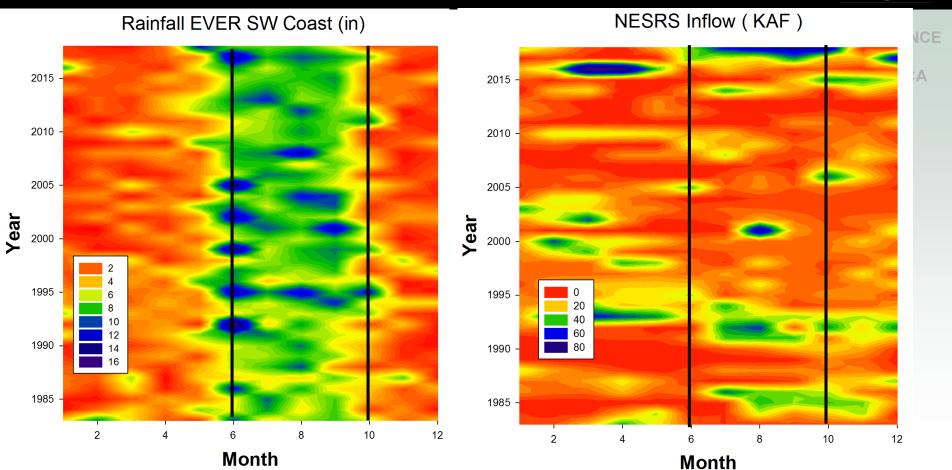




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Improve Seasonal Distribution





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Summary:

Modwaters has increased the volume of water into NESRS

The one mile bridge makes it possible for more water to enter the park...

...but higher stage levels in the L29 canal is what actually increases the flow to Everglades National Park

Current discharge still does not meet target volumes

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Summary:

Stage and hydroperiod in North East Shark River Slough has increased, but are still short of targets

The spatial distribution of flow between NESRS and WSS has not improved

The seasonal distribution of flow improved in 2018, hopefully that will be the beginning of a long term trend

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